UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

MLRA REGION 11
Indianapolis, Indiana 46278
"DRAFT"
FIRST AMENDMENT
TO THE
JULY 1971 CLASSIFICATION AND CORRELATION
OF THE SOILS OF
VIGO COUNTY, INDIANA

MARCH 2005

This amendment results from digitizing the Vigo County Soil Survey, the update of the NASIS database, and conforming to the Keys to Soil Taxonomy, 9th Edition, 2003.

AMENDMENT NO. 1

Page 6 - Addition
-Map Unit Symbol and Name: W - Water

Add the map unit symbol name "W - Water" for water areas less than 40 acres in size and water areas more than 40 acres in size.

Pages 7 to 10 – Replace the SIGNS and SYMBOLS LEGEND from the 1971 Correlation, with the attached Indiana Official 37A for Compilation, Digitizing, and DMF, Revised June 30, 2004.

Only the following standard soil survey features will be shown on the legend and placed on the digitized soil maps:

Feature	Name	Description
ESO	Escarpment, nonbedrock	A relatively continuous and steep slope or cliff, which generally is produced by erosion but can be produced by faulting, that breaks the continuity of more gently sloping land surfaces. Exposed earthy material is nonsoil or very shallow soil.
GPI	Gravel pit	An open excavation from which soil and underlying material have been removed and used, without crushing, as a source of sand or gravel. Typically 0.2 to 2 acres.
GRA	Gravelly spot	A spot where the surface layer has more than 35 percent, by volume, rock fragments that are mostly less than 3 inches in diameter in an area with less than 15 percent fragments. Typically 0.2 to 2 acres.
GUL	Gully	A small channel with steep sides cut by running water through which water ordinarily runs only after a rain, or after ice or snow melts. It generally is an obstacle to wheeled vehicles and is too deep to be obliterated by ordinary tillage.

Feature	Name	Description
LVS	Levee	An embankment that confines or controls water, especially one built along the banks of a river to prevent overflow of lowlands. Levees built according to COE standards.
MAR	Marsh or swamp	A water saturated, very poorly drained area, intermittently or permanently covered by water. Sedges, cattails, and rushes dominate marsh areas. Trees or shrubs dominate swamps. Typically 0.2 to 2 acres.
ROC	Rock outcrop	An exposure of bedrock at the surface of the earth. Not used where the named soils of the surrounding map unit are shallow over bedrock or where "Rock outcrop" is a named component of the map unit. Typically 0.2 to 2 acres.
SAN	Sandy spot	A spot where the surface layer is loamy fine sand or coarser in areas where the surface layer of the named soils in the surrounding map unit is very fine sandy loam or finer. Typically 0.2 to 2 acres.
ERO	Severely eroded spot	An area where on the average 75 percent or more of the original surface layer has been lost because of accelerated erosion. Not used in map units that are named severely eroded, very severely eroded, or gullied. Typically 0.2 to 2 acres.
WET	Wet spot	A somewhat poorly drained to very poorly drained area that is at least two drainage classes wetter than the named soils in the surrounding map unit. Typically 0.2 to 2 acres.

Only the following ad hoc features will be shown on the legend and placed on the digitized soil maps:

Label	**Symbol_ID**	**Name**	**Description**
UWT	44	Unclassified water	Small, natural or man-made lake, pond, or pit that contains water, of an unspecified nature, most of the year. Typically 0.2 to 2 acres.

Indiana Official 37A For
Compilation, Digitizing, and DMF
Revised June 30, 2004

Soil Survey Area: VIGO

State: Indiana

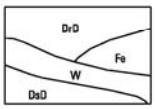
FEATURE AND SYMBOL LEGEND FOR SOIL SURVEY

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

Date: DECEMBER 2004

SOIL SURVEY FEATURES

SOIL DELINEATIONS AND LABELS



STANDARD LANDFORM AND MISCELLANEOUS SURFACE FEATURES

- Bedrock escarpment
- Nonbedrock escarpment
- Gully
- Levee
- Short steep slope
- Blowout
- Borrow pit
- Clay spot
- Closed depression
- Gravel pit
- Gravelly spot
- Landfill
- Marsh or swamp
- Mine or quarry
- Rock outcrop
- Sandy spot
- Severely eroded spot
- Sinkhole
- Slide or slip
- Spoil area
- Stony spot
- Very stony spot
- Wet spot

AD HOC FEATURES (Describe on back)

LABEL	SYMBOL ID	SYMBOL	LABEL	SYMBOL ID	SYMBOL
DCS	1		CRO	23	
DKS	2		MIA	24	
OVW	3		CGM	25	
VMS	4		MIL	26	
EAS	5			27	
MAS	6		SID	28	
SAS	7			29	
CAF	8		MUC	30	
CAL	9			31	
SLR	10			32	
DUN	11			33	
BRV	12			34	
BRM	13		MRL	35	
BRD	14			36	
OBR	15			37	
SSR	16		SAM	38	
LBR	17			39	
WDP	18		VSE	40	
SBR	19			41	
COB	20			42	
CNS	21			43	
FES	22		UNIT	44	

CULTURAL FEATURES (Optional)

BOUNDARIES

- National, state or province
- County or parish
- Minor civil division
- Reservation (Military)
- Land grant (Optional)
- Field sheet matchline and neatline
- Public Land Survey System Section Corner Tics

GEOGRAPHIC COORDINATE TICK

ROAD EMBLEMS

- Interstate
- Federal
- State

LOCATED OBJECTS

Airport (Label only) — Davis Airport or Airstrip

HYDROGRAPHIC FEATURES (Optional)

- Drainage end (indicates direction of flow)
- Unclassified stream

Pages 13-14 – Replace the Classification of the Soils table with the following:
(An asterisk in the first column indicates a taxadjunct to the series.)

Soil name	Family or higher taxonomic class
Ade	Coarse-loamy, mixed, superactive, mesic Lamellic Argiudolls
Alford	Fine-silty, mixed, superactive, mesic Ultic Hapludalfs
Armiesburg	Fine-silty, mixed, superactive, mesic Fluventic Hapludolls
Ava	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Ayrshire	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs
Bartle	Fine-silty, mixed, active, mesic Aeric Fragiaqualfs
Bloomfield	Sandy, mixed, mesic Lamellic Hapludalfs
Camden	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Cincinnati	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Cory	Fine-silty, mixed, superactive, mesic Mollic Endoaqualfs
Crane	Fine-loamy, mixed, active, mesic Aquic Argiudolls
Eel	Fine-loamy, mixed, superactive, nonacid, mesic Fluvaquentic Eutrudepts
Elston	Coarse-loamy, mixed, active, mesic Typic Argiudolls
Fincastle	Fine-silty, mixed, superactive, mesic Aeric Epiaqualfs
Fox	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Hapludalfs
Genesee	Fine-loamy, mixed, superactive, mesic Fluventic Eutrudepts
Genesee Variant	Coarse-loamy, mixed, superactive, mesic Fluventic Eutrudepts
Hennepin	Fine-loamy, mixed, active, mesic Typic Eutrudepts
Hickory	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Iva	Fine-silty, mixed, superactive, mesic Aeric Endoaqualfs
Millsdale	Fine, mixed, active, mesic Typic Argiaquolls
Muren	Fine-silty, mixed, superactive, mesic Aquic Hapludalfs
Negley	Fine-loamy, mixed, active, mesic Typic Paleudalfs
Parke	Fine-silty, mixed, active, mesic Ultic Hapludalfs
Petrolia	Fine-silty, mixed, superactive, nonacid, mesic Fluvaquentic Endoaquepts
Princeton	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Proctor	Fine-silty, mixed, superactive, mesic Typic Argiudolls
Ragsdale	Fine-silty, mixed, superactive, mesic Typic Argiaquolls
Randolph	Fine, mixed, active, mesic Aeric Endoaqualfs
*Reesville	Fine-silty, mixed, superactive, mesic Aeric Endoaqualfs
Rensselaer	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Rodman	Sandy-skeletal, mixed, mesic Typic Hapludolls
Russell	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Shoals	Fine-loamy, mixed, superactive, nonacid, mesic Fluventic Endoaquepts
Sloan	Fine-loamy, mixed, superactive, mesic Fluvaquentic Endoaquolls
Tippecanoe	Fine-loamy, mixed, active, mesic Oxyaquic Argiudolls
Vincennes	Fine-loamy, mixed, active, nonacid, mesic Typic Endoaquepts
Wakeland	Coarse-silty, mixed, superactive, nonacid, mesic Aeric Fluvaquents
Warsaw	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Argiudolls
Washtenaw	Fine-loamy, mixed, active, nonacid, mesic Aeric Fluvaquents
Westland	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Whitaker	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs
Xenia	Fine-silty, mixed, superactive, mesic Aquic Hapludalfs
Zipp	Fine, mixed, active, nonacid, mesic Typic Endoaquepts

VIGO COUNTY, INDIANA AMENDMENT NO. 1

Approval Signatures

_____	_____	_____	_____
TRAVIS NEELY	Date	JANE E. HARDISTY	Date
State Soil Scientist/MLRA Leader		State Conservationist	